

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	0	hagawara.in. and compressor same digital	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/25 17:38
S5	4	hagiwara.in. and compressor same digital	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/25 19:23
S6	1	yamaha.AS. and compressor same digital same (multi-channel multichannel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/29 13:27
S7	3	yamaha.AS. and compress\$2 same digital same (multi-channel multichannel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/25 17:48
S8	7	((“6501717”) or (“7013011”) or (“4567607”) or (“4843626”) or (“20040213420”) or (“6041080”) or (“6795560”)).PN	US-PGPUB; USPAT	OR	OFF	2007/04/25 17:50
S9	11	381/102-109.cls. and digital same compress\$3 same (multi-channel multichannel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/25 18:24
S10	7	yamaha.AS. and compressor and (multi-channel multichannel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 16:03
S11	18	yamaha.AS. and compress\$2 and (multi-channel multichannel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/25 18:00
S12	6	yamaha.AS. and compress\$2 same (multi-channel multichannel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/05 13:22

S13	2	((6084974" or ("5848171")).PN.	USPAT	OR	OFF	2007/04/25 18:21
S14	34	381/102-109.cols. and (GUI (graphic\$2 near3 user near2 interface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/01 11:21
S15	1	shashoua.in. and (mixer and peak and multiple)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/25 18:22
S16	55	381/102-109.cls. and compress \$3 same (multi-channel multichannel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/30 10:28
S17	6	381/102-109.cls. and "5.1" same compress\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/05 13:15
S18	2	hagiwara.in. and compressor and digital and (group same maxim \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 14:16
S19	1	("7006645").PN.	USPAT	OR	OFF	2007/04/25 19:37
S20	6	("4953213"   "5177798"   "5199075"   "5680464"   "6332026"   "6650755").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/25 19:37
S21	9	"381"/\$.cls. and separat\$3 with ((multichannel plurality) near4 audio) with group\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/25 19:44
S22	41	separat\$3 with ((multichannel plurality) near4 audio) with group \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/25 19:44
S23	11	381/102-109.cols. and compress \$3 same (link\$3) same digital	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/25 19:50
S24	11	381/102-109.cols. and ((select\$3 choos\$3) with group\$3 with signals)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/30 13:18

S25	1586	381/102-109.ccls. and ((select\$3 choos\$3) same group\$3 saem signals)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/30 13:19
S26	48	381/102-109.ccls. and ((select\$3 choos\$3) same group\$3 same signals)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/30 13:26
S27	12	381/102-109.ccls. and (detect\$3 with maxim\$2 with group\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/30 13:34
S28	2	tanaka.in. and (volume same adjust\$3) and (maxim\$2 same group same detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/04/30 13:35
S29	94	(GUI (graphic\$2 near3 user near2 interface)) same (volume gain) same amplif\$8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 15:22
S30	1584	(381/103,106,107,108).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 14:12
S31	2	hagiwara.in. and compressor and digital and (group same maxim \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 14:17
S32	0	S31 and maxim\$2 same ("each" every) same group	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 14:17
S33	2	S31 and maxim\$2 same group	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 14:43
S34	200	(715/727).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 14:43

S35	952	(381/57,58).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 14:45
S36	403	(381/123) CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 14:45
S37	4	S36 and stereo same switch\$3 same surround	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 14:46
S38	29	((GUI (graphic\$2 near3 user near2 interface)) with (volume gain)) same amplif\$8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 16:03
S39	1	("5204959").PN.	USPAT	OR	OFF	2007/05/24 15:41
S40	421	"381"/\$.ccls. and ((GUI (graphic \$2 near3 user near2 interface) graph\$4) with (volume gain)) and amplif\$7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 15:25
S41	134	"381"/\$.ccls. and ((GUI (graphic \$2 near3 user near2 interface) graph\$5) with (volume gain)) same amplif\$7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 15:26
S42	7	"381"/\$.ccls. and ((GUI (graphic \$2 near3 user near2 interface) with (volume gain)) same amplif \$7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 15:27
S43	35	"381"/\$.ccls. and ((GUI (graphic \$2 near3 user near2 interface)) with (volume gain))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 15:35
S44	74	grier and switch\$3 same mode\$1	US-PGPUB; USPAT	OR	OFF	2007/05/24 15:36
S45	4	("6363155").URPN.	USPAT	OR	OFF	2007/05/24 15:37
S46	1	("5204969").PN.	USPAT	OR	OFF	2007/05/24 15:41
S47	28	("5204969").URPN.	USPAT	OR	OFF	2007/05/24 15:43
S48	7	mei and (volume same graph\$4 same (three near2 dimension\$2))	USPAT	OR	OFF	2007/05/24 15:45

S49	53	mei and (volume same (three near2 dimension\$2))	USPAT	OR	OFF	2007/05/24 15:46
S50	44	"381"/\$.cls. and mei and volume and (three near2 dimension\$2)	USPAT	OR	OFF	2007/05/24 15:47
S51	0	S34 and ((GUI (graphics\$2 near3 user near2 interface)) with (volume gain)) same amplif\$8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 16:03
S52	0	S34 and compressor and (multi-channel multichannel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 16:03
S53	1119	(381/107,103).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 16:25
S54	736	(381/104).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/29 13:28
S55	266	S54 and maximum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/29 13:28
S56	1	yamaha.AS. and compressor same digital same (multi-channel multichannel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/29 13:28
S57	1	S56 and maximum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/29 13:28
S58	6	("4953213"   "5177798"   "5199075"   "5680464"   "6332026"   "6650755").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/05 12:35
S59	137	381/102-109.ccls. and (compress \$3 attenuat\$3) same ((select\$3 choos\$3) with (channels signals))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/05 13:16
S60	1	yamaha.AS. and compress\$2 same (multi-channel multichannel) and (select\$3 same group\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/05 13:28

S61	0	yamaha.AS. and compress\$2 same (multi-channel multichannel) and ((amplification near2 gain) same maxim\$2 same decrease\$1 same increase\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/05 13:28
S62	0	yamaha.AS. and (multi-channel multichannel) and ((amplification near2 gain) same maxim\$2 same decrease\$1 same increase\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/05 13:29
S63	0	yamaha.AS. and ((amplification near2 gain) same maxim\$2 same decrease\$1 same increase\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/05 13:29
S64	1	yamaha.AS. and (amplification same maxim\$2 same decrease\$1 same increase\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/05 13:32
S65	12	yamaha.AS. and (amplification same maxim\$2) and (decrease\$1 and increase\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/05 13:32
S66	2	(("5054077") or ("6985595")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/12 15:22
S67	81	381/102-109.cols. and (amplification same maxim\$2) and (decrease\$1 and increase\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/12 15:42
S68	29	381/102-109.cols. and (amplification same maxim\$2) same (decreas\$3 same increas\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/12 15:42
S69	1	381/102-109.cols. and (amplification same maxim\$2) same (decreas\$3 same increas\$3) same (multi-channel multichannel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/12 15:43
S70	12	381/102-109.cols. and ((amplification gain volume) same maxim\$2) same (decreas\$3 same increas\$3) same (multi-channel multichannel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/12 15:43

S71	1041	(381/98).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/18 21:31
S72	782	(381/104).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/02/18 21:31
S73	19	"381"/\$.ccls. and (switch\$3 select \$3) near20 (stereo surround) near20 (maxim\$2 large\$3 high \$3 ) near20 (gain amplitude volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 11:04
S74	0	"381"/\$.ccls. and (switch\$3 select \$3) near20 stereo near20 surround near20 (maxim\$2 large \$3 high\$3 ) near20 (gain amplitude volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 11:05
S75	22	"381"/\$.ccls. and (switch\$3 select \$3) near20 group\$3 near20 (maxim\$2 large\$3 high\$3 ) near20 (gain amplitude volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 11:06
S76	1713	(381/103,106,107,108).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 13:38
S77	258	(715/727).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 13:38
S78	823	(381/104).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 13:39
S79	1	(switch\$3 select\$3) near20 stereo near20 surround near20 (maxim \$2 large\$3 high\$3 ) near20 (gain amplitude volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 13:42
S80	64	"381"/\$.ccls. and ((switch\$3 select \$3) near10 group\$3) and (stereo near20 surround)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 13:43

S81	0	"381"/\$.ccls. and ((switch\$3 select \$3) near10 group\$3 near20 (maxim\$2 great\$3 peak high\$3) near20 (gain amplitude volume)) and (stereo near20 surround)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 13:44
S82	21	"381"/\$.ccls. and ((switch\$3 select \$3) near10 group\$3 near20 (maxim\$2 great\$3 peak high\$3) near20 (gain amplitude volume))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 13:44
S83	0	381/102-109.ccls. and (signal near10 process\$3 near10 amplifier\$1 near10 each near10 (input channel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 14:20
S84	14	381/102-109.ccls. and (signal near10 process\$3 near10 plurality near10 amplifier\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 14:21
S85	1	381/102-109.ccls. and (add\$3 provid\$3) near10 ("same" common) near10 (amplification gain multiplier volume) near10 attenuat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 14:33
S86	3	hagiwara.in and (compressor same digital) and attenuat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 14:39
S87	6	(GUI near20 audio near20 amplifier\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 14:56
S88	4	(GUI near20 audio near20 (symbol sign))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 15:08
S89	0	(GUI near20 (symbol sign) near20 attenuat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 15:08
S90	1800	(GUI near20 (user) near20 (select \$3 choose\$1) near20 input)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 15:30

S91	30	((GUI near20 (user) near20 (select \$3 choose\$1) near20 input near20 audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 15:30
S92	0	S82 and GUI	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 16:04
S93	0	GUI near20 stereo near20 surround	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 16:18
S94	201	(381/102).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/09 20:42
S95	13	GUI near20 image near20 (select \$3 choos\$3 pick\$3) near20 audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/10 14:41
S96	177	GUI near10 audio near10 process \$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/10/10 14:50
S97	2810	(381/102-109).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/26 21:56
S98	275	(715/727).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/02/26 21:56
S99	5	hagiwara.in. and (compressor same digital) and only	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/19 11:10
S100	1	hagiwara.in. and (compressor same digital) and (maxim\$2 near5 level near5 (exceed\$1 greater))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/06/19 11:22

S101	2896	(381/102-109).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/08/19 13:36
S102	308	(715/727).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/08/19 13:36
S103	0	hagiwara.in. and (compressor same digital) and all	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/08/19 13:39
S104	0	hagiwara.in. and (compressor same digital) and all	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/08/19 14:10
S105	0	hagiwara.in. and (compressor same digital) and (maximum near20 threshold near20 attenuat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/08/20 10:23
S106	0	hagiwara.in. and (compressor same digital) and (maximum near20 threshold\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/08/20 10:24
S107	0	hagiwara.in. and (compressor same digital) and (maximum near20 gain near20 attenuat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/08/20 10:24
S108	2	hagiwara.in. and (compressor same digital) and maximum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/08/20 10:25
S109	2	(("7212640") or ("5054077")).PN.	USPAT; USOCR	OR	OFF	2009/08/20 10:30
S110	1	S109 and surround	USPAT	OR	OFF	2009/08/20 10:33

**EAST Search History (Interference)**

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